

ABSTRACT

The invention relates to the technological sector of mineral fillers used in the sector which manufactures polyurethane foams and in particular fillers of the carbonate, hydroxide, silicate, sulphate type and similar mineral fillers.

The invention relates in particular to a method of treating mineral fillers of a specific grain size with the aid of treatment agents of the organic phosphate type, incorporating a de-agglomeration step, and optionally a selection step, with a view to improving the techniques used to manufacture polyurethane foams either by foaming without an auxiliary blowing agent or with a blowing agent such as CO₂, and composite polyurethane, whilst reducing the time needed to mix this treated filler treated with the polyol and other reagents.

Numerous applications for block foams or moulded foams, for mattresses and similar, the automotive industry, various industrial components, etc...